

# INTERNATIONAL SEARCH REPORT

Intern Application No  
PCT/US 03/28388

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C233/78 C07C255/57 C07D263/32 C07D277/30 C07C237/34  
C07D413/04 C07D213/81 C07D413/12 C07D213/30 C07D239/26  
A61K31/166 A61K31/277 A61K31/421 A61K31/426 A61K31/4439

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 02505 A (ELAN PHARM INC) 10 January 2002 (2002-01-10) claims; examples 6-9	1-22
X	WO 02 02512 A (UPJOHN CO ; ELAN PHARM INC (US)) 10 January 2002 (2002-01-10) claims; examples	1-22
A	WO 94 17096 A (GIRIJAVALLABHAN VIYYOOR M ; PATEL NAGINBHAI M (US); BENNETT FRANK ()) 4 August 1994 (1994-08-04) example 8-11 claims 1,6	1-22

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*G\* document member of the same patent family

Date of the actual completion of the international search

12 January 2004

Date of mailing of the international search report

20/01/2004

Name and mailing address of the ISA

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# INTERNATIONAL SEARCH REPORT

Inter Application No  
PCT/83 03/28388

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/44 A61K31/505 A61K31/506 A61P25/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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International application No.  
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## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  

Although claim 18 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Internat. Application No

PCT/US 03/28388

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0202505	A	10-01-2002	AU 7168601 A	14-01-2002
			AU 7309401 A	14-01-2002
			AU 7311301 A	14-01-2002
			AU 7313201 A	14-01-2002
			AU 7313701 A	14-01-2002
			BR 0111980 A	06-05-2003
			BR 0112000 A	03-06-2003
			CA 2410651 A1	10-01-2002
			CA 2410680 A1	10-01-2002
			CA 2410972 A1	10-01-2002
			CN 1447789 T	08-10-2003
			CN 1443155 T	17-09-2003
			EP 1299349 A2	09-04-2003
			EP 1299352 A2	09-04-2003
			EP 1353898 A2	22-10-2003
			NO 20026199 A	21-02-2003
			WO 0202505 A2	10-01-2002
			WO 0202518 A2	10-01-2002
			WO 0202506 A2	10-01-2002
			WO 0202520 A2	10-01-2002
			WO 0202512 A2	10-01-2002
			US 2002143177 A1	03-10-2002
			US 2003096864 A1	22-05-2003
			US 2002128255 A1	12-09-2002
			US 2002016320 A1	07-02-2002
WO 0202512	A	10-01-2002	AU 7168601 A	14-01-2002
			AU 7309401 A	14-01-2002
			AU 7311301 A	14-01-2002
			AU 7313201 A	14-01-2002
			AU 7313701 A	14-01-2002
			BR 0111980 A	06-05-2003
			BR 0112000 A	03-06-2003
			CA 2410651 A1	10-01-2002
			CA 2410680 A1	10-01-2002
			CA 2410972 A1	10-01-2002
			CN 1447789 T	08-10-2003
			CN 1443155 T	17-09-2003
			EP 1299349 A2	09-04-2003
			EP 1299352 A2	09-04-2003
			EP 1353898 A2	22-10-2003
			NO 20026199 A	21-02-2003
			WO 0202505 A2	10-01-2002
			WO 0202518 A2	10-01-2002
			WO 0202506 A2	10-01-2002
			WO 0202520 A2	10-01-2002
			WO 0202512 A2	10-01-2002
			US 2002143177 A1	03-10-2002
			US 2003096864 A1	22-05-2003
			US 2002128255 A1	12-09-2002
			US 2002016320 A1	07-02-2002
WO 9417096	A	04-08-1994	AU 6161794 A	15-08-1994
			WO 9417096 A1	04-08-1994
			US 5693815 A	02-12-1997
			ZA 9400319 A	18-07-1994